

# Katharine L Gerst

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

820  
citations

687335

13  
h-index

642715

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardized phenology monitoring methods to track plant and animal activity for science and resource management applications. <i>International Journal of Biometeorology</i> , 2014, 58, 591-601.	3.0	166
2	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175.	4.1	96
3	PHOTOSYNTHETIC RESOURCE-USE EFFICIENCY AND DEMOGRAPHIC VARIABILITY IN DESERT WINTER ANNUAL PLANTS. <i>Ecology</i> , 2008, 89, 1554-1563.	3.2	77
4	Organizing phenological data resources to inform natural resource conservation. <i>Biological Conservation</i> , 2014, 173, 90-97.	4.1	62
5	Climate change is advancing spring onset across the U.S. national park system. <i>Ecosphere</i> , 2016, 7, e01465.	2.2	61
6	Phenology research for natural resource management in the United States. <i>International Journal of Biometeorology</i> , 2014, 58, 579-589.	3.0	48
7	Phenological responsiveness to climate differs among four species of <i>Quercus</i> in North America. <i>Journal of Ecology</i> , 2017, 105, 1610-1622.	4.0	42
8	Species-specific phenological responses to winter temperature and precipitation in a water-limited ecosystem. <i>Ecosphere</i> , 2015, 6, 1-27.	2.2	41
9	USA National Phenology Network's volunteer-contributed observations yield predictive models of phenological transitions. <i>PLoS ONE</i> , 2017, 12, e0182919.	2.5	35
10	The effect of geographic range position on demographic variability in annual plants. <i>Journal of Ecology</i> , 2011, 99, 591-599.	4.0	28
11	Short-Term Forecasts of Insect Phenology Inform Pest Management. <i>Annals of the Entomological Society of America</i> , 2020, 113, 139-148.	2.5	28
12	Estimating the onset of spring from a complex phenology database: trade-offs across geographic scales. <i>International Journal of Biometeorology</i> , 2016, 60, 391-400.	3.0	18
13	Time to branch out? Application of hierarchical survival models in plant phenology. <i>Agricultural and Forest Meteorology</i> , 2019, 279, 107694.	4.8	18
14	Developing a Workflow to Identify Inconsistencies in Volunteered Geographic Information: A Phenological Case Study. <i>PLoS ONE</i> , 2015, 10, e0140811.	2.5	16
15	How well do the spring indices predict phenological activity across plant species?. <i>International Journal of Biometeorology</i> , 2020, 64, 889-901.	3.0	14
16	The California Phenology Project: Tracking Plant Responses to Climate Change. <i>Madera</i> , 2013, 60, 1-3.	0.4	11
17	Functional traits of broad-leaved monocot herbs in the understory and forest edges of a Costa Rican rainforest. <i>PeerJ</i> , 2020, 8, e9958.	2.0	9
18	A decade of flowering phenology of the keystone saguaro cactus ( <i>Carnegiea gigantea</i> ). <i>American Journal of Botany</i> , 2019, 106, 199-210.	1.7	8

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19	The USA National Phenology Network's Buffelgrass Greenâ€ Forecast map products. Ecological Solutions and Evidence, 2021, 2, e12109.	2.0	7
20	Creating the Urban Farmerâ€™s Almanac with Citizen Science Data. Insects, 2019, 10, 294.	2.2	5
21	Distribution and photosynthetic assimilation of rosulate aroid epiphytes in a Costa Rican lowland rainforest. Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 279, 151830.	1.2	4
22	PS3: The Pheno-Synthesis software suite for integration and analysis of multi-scale, multi-platform phenological data. Ecological Informatics, 2021, 65, 101400.	5.2	4
23	Impact of an Ecohydrology Classroom Activity on Middle School Studentsâ€™ Understanding of Evapotranspiration. Journal of Natural Resources and Life Sciences Education, 2010, 39, 150-156.	0.2	4